Chenglian Liu

List of Publications by Year
in descending order

65	254	933410	996954
papers	citations	10	15
		h-index	g-index

68	68	68	111
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Neural Network Solution of Single-Delay Differential Equations. Mediterranean Journal of Mathematics, 2020, 17, 1.	0.8	38
2	Hybrid Numerov-Type Methods with Coefficients Trained to Perform Better on Classical Orbits. Bulletin of the Malaysian Mathematical Sciences Society, 2019, 42, 2119-2134.	0.9	24
3	New three–stages symmetric two step method with improved properties for second order initial/boundary value problems. Journal of Mathematical Chemistry, 2018, 56, 2591-2616.	1.5	20
4	A new two-step finite difference pair with optimal properties. Journal of Mathematical Chemistry, 2018, 56, 770-798.	1.5	18
5	Explicit hybrid six–step, sixth order, fully symmetric methods for solving $y''' = f(x, y)$. Mathematical Methods in the Applied Sciences, 2019, 42, 3305-3314.	2.3	18
6	An efficient secure proxy verifiably encrypted signature scheme. Journal of Network and Computer Applications, 2010, 33, 29-34.	9.1	17
7	A hybrid finite difference pair with maximum phase and stability properties. Journal of Mathematical Chemistry, 2018, 56, 423-448.	1.5	17
8	A five–stages symmetric method with improved phase properties. Journal of Mathematical Chemistry, 2018, 56, 1313-1338.	1.5	15
9	Phase–fitted, six–step methods for solving $x'' = f(t, x)$. Mathematical Methods in the Applied Sciences, 2019, 42, 3942-3949.	2.3	15
10	A new multistep method with optimized characteristics for initial and/or boundary value problems. Journal of Mathematical Chemistry, 2019, 57, 119-148.	1.5	13
11	Factors Influencing the Application of Connected Health in Remote Areas, Taiwan: A Qualitative Pilot Study. International Journal of Environmental Research and Public Health, 2020, 17, 1282.	2.6	7
12	A new multistage multistep full in phase algorithm with optimized characteristics for problems in chemistry. Journal of Mathematical Chemistry, 2019, 57, 1112-1139.	1.5	6
13	A new four-stages two-step phase fitted scheme for problems in quantum chemistry. Journal of Mathematical Chemistry, 2019, 57, 1201-1229.	1.5	6
14	A Study of Anonymous Purchasing Based on Mobile Payment System. Procedia Computer Science, 2016, 83, 685-689.	2.0	5
15	How Geographical Isolation and Aging in Place Can Be Accommodated Through Connected Health Stakeholder Management: Qualitative Study With Focus Groups. Journal of Medical Internet Research, 2020, 22, e15976.	4.3	5
16	Security of Analysis Mutual Authentication And Key Exchange for Low Power Wireless Communicationsl. Energy Procedia, 2012, 17, 644-649.	1.8	3
17	A Study of Anonymous Delivery Based on Blind Signature Scheme. Procedia Computer Science, 2015, 52, 1065-1070.	2.0	3
18	Fad or Trend? Rethinking the Sustainability of Connected Health. Sustainability, 2020, 12, 1775.	3.2	3

#	Article	IF	Citations
19	Comment on an Improved Signature without Using One-Way Hash Functions. , 2010, , .		2
20	Analysis of parameters probability on Zhang-Wang signature scheme. , 2014, , .		2
21	The efficiency and performance detection algorithm and system development for photovoltaic system through use of thermal image processing technology. AIP Conference Proceedings, 2018, , .	0.4	2
22	Edge Detection Based on Fuzzy Logic and Expert System. , 0, , .		2
23	An enhanced RSA-based partially blind signature. , 2010, , .		1
24	An Improvement of Generalized Key Agreement and Password Authentication Protocol. , 2010, , .		1
25	A Study on the Stream Cipher Embedded Magic Square of Random Access Files. , 2011, , .		1
26	An Improved Identity-Based Ring Signcryption Scheme. Information Security Journal, 2013, 22, 46-54.	1.9	1
27	Security analysis of RSA cryptosystem algorithm and itâ€™s properties. , 2014, , .		1
28	Security Analysis of Liu-Zhang-Deng Digital Signature Scheme. Procedia Computer Science, 2014, 32, 485-488.	2.0	1
29	A Dynamic Passcode System for Mobile Purchasing without Bank Card. , 2018, , .		1
30	â€œNomen Omenâ€ Exploring Connected Healthcare through the Perspective of Name Omen. Healthcare (Switzerland), 2020, 8, 66.	2.0	1
31	Security Analysis of Liu-Li Digital Signature Scheme. Communications in Computer and Information Science, 2010, , 63-70.	0.5	1
32	Comment on a Research and Analysis Four-Prime RSA. Lecture Notes in Electrical Engineering, 2012, , 669-675.	0.4	1
33	Innovative Strategies to Fuel Organic Food Business Growth: A Qualitative Research. International Journal of Environmental Research and Public Health, 2022, 19, 2941.	2.6	1
34	Improving Shieh-Lin-Yang-Sun Signature Scheme. , 2010, , .		0
35	Security of electronic ticketing. , 2010, , .		0
36	Study of kindergartner work pressure based on Grey theory. , 2010, , .		0

#	Article	IF	Citations
37	Improving simple authentication key agreement protocol. , 2010, , .		0
38	Preface of the "First Symposium on Advances in Computer Science and Applied Mathematics (ACSAM) Tj ETQq0 0 0 rgBT /Overlock		0
39	Image Recognition Based on Biometric Pattern Recognition. , 2011, , .		0
40	Energy Aware Clustering Algorithms for Wireless Sensor Networks. , 2011, , .		0
41	Preface of the first symposium on computer science and applied mathematics (CSAM 2012). , 2012, , .		0
42	Security of Analysis Liu's Signature Scheme. Energy Procedia, 2012, 17, 655-658.	1.8	0
43	An Improvement of Kwon-Song Protocol. Energy Procedia, 2012, 17, 659-662.	1.8	0
44	Preface of the "Second symposium on computer science and applied mathematics (CSAM 2013)". , 2013, , .		0
45	Preface of the "First symposium on information, intelligent and engineering application (IIEA 2014)". , 2014, , .		0
46	Security of Lee-Wu-Tsaur scheme. , 2014, , .		0
47	Forgery attack to Kang-Tang digital signature scheme. , 2014, , .		0
48	Particle swarm optimization and its application in MEG source localization using single time sliced data. , 2014, , .		0
49	A study of android calculator based on Lemoine's conjecture. AIP Conference Proceedings, 2018, , .	0.4	0
50	Probability analysis for Zhang-Wang signature scheme. AIP Conference Proceedings, 2018, , .	0.4	0
51	Preface of the "First Symposium on Information, Intelligent, Education and Engineering Application (IIEEA 2018)". AIP Conference Proceedings, 2018, , .	0.4	0
52	Weakness of RSA cryptosystem characteristic. AIP Conference Proceedings, 2018, , .	0.4	0
53	Algebraic attack on Zhang-Wang digital signature algorithm. AIP Conference Proceedings, 2019, , .	0.4	0
54	A study of Android calculator based on Legendre's conjecture. AIP Conference Proceedings, 2019, , .	0.4	0

#	Article	IF	Citations
55	Preface of the "The Second Symposium on Information, Intelligent, Education and Engineering Application (IIEEA 2019)". AIP Conference Proceedings, 2019, , .	0.4	0
56	Security analysis of enhanced Schmidt-Samoa scheme. AIP Conference Proceedings, 2019, , .	0.4	0
57	Comment on MRSAC Scheme. , 2020, , .		0
58	Comment of Secure File Storage and Retrieval in Cloud Based on MRSA Cryptographic Algorithm. , 2020, , .		0
59	Comment on the Improvement of an Efficient ID-Based RSA Mutlisignature. Communications in Computer and Information Science, 2011, , 534-540.	0.5	0
60	Security Analysis of Peyravian-Jeffries's Remote User Authentication Protocol. , 2011, , 767-771.		0
61	Edge detection based on fuzzy gradient and standard deviation values. , 2011, , .		0
62	Security Analysis of Practical Anonymous User Authentication Scheme with Security Proof. Information Technology Journal, 2013, 12, 522-525.	0.3	0
63	Weakness of an ElGamal-Like Cryptosystem for Enciphering Large Messages. Lecture Notes in Electrical Engineering, 2016, , 1225-1231.	0.4	0
64	Comment on secure file storage and retrieval in cloud. AIP Conference Proceedings, 2020, , .	0.4	0
65	A Formal Verification Based on Yu-Cao Delayed Chaotic Neural Network. International Journal of Circuits, Systems and Signal Processing, 2022, 16, 899-903.	0.3	0